Pablo Martn-Ramos

List of Publications by Year in Descending Order

161 papers	1,558 citations	19 h-index	32 g-index
197 ext. papers	1,925 ext. citations	3.1 avg, IF	4.83 L-index

#	Paper	IF	Citations
161	Potential of Native Trichoderma Strains as Antagonists for the Control of Fungal Wood Pathologies in Young Grapevine Plants. *Agronomy*, **2022**, 12, 336	3.6	3
160	Modeling of Falling Ball Impact Test Response on Solid, Veneer, and Traditional Engineered Wood Floorings of Several Hardwoods. *Forests*, **2022**, 13, 167	2.8	0
159	Physico-chemical characterisation of remains from a Bronze Age ochre-burial in Biniadris cave (Menorca, Spain). *Journal of Archaeological Science: Reports*, **2022**, 42, 103362	0.7	
158	Lignin–Chitosan Nanocarriers for the Delivery of Bioactive Natural Products against Wood-Decay Phytopathogens. *Agronomy*, **2022**, 12, 461	3.6	1
157	Chitosan-Based Bioactive Formulations for the Control of Powdery Mildew in Viticulture. *Agronomy* , **2022**, 12, 495	3.6	3
156	Antifungal Activity of Methylxanthines against Grapevine Trunk Diseases. *Agronomy*, **2022**, 12, 885	3.6	1
155	From urea to melamine cyanurate: Study of a class of thermal condensation routes for the preparation of graphitic carbon nitride. *Journal of Solid State Chemistry*, **2022**, 310, 123071	3.3	0
154	Infrared Spectroscopic Analysis of the Inorganic Components from Teeth Exposed to Psychotherapeutic Drugs. *Minerals (Basel, Switzerland)*, **2022**, 12, 28	2.4	1
153	Seeds as Potential Sources of Phenolic Compounds and Minerals for the Indian Population. *Molecules*, **2022**, 27, 3184	4.8	2
152	Evaluation of Different Capture Solutions for Ammonia Recovery in Suspended Gas Permeable Membrane Systems. *Membranes*, **2022**, 12, 572	3.8	0
151	Pilot Plant for the Capture of Ammonia from the Atmosphere of Pig and Poultry Farms Using Gas-Permeable Membrane Technology. *Membranes*, **2021**, 11,	3.8	3
150	Reduction of Ammonia Emissions from Laying Hen Manure in a Closed Composting Process Using Gas-Permeable Membrane Technology. *Agronomy*, **2021**, 11, 2384	3.6	0
149	On the Applicability of Chitosan Oligomers-Amino Acid Conjugate Complexes as Eco-Friendly Fungicides against Grapevine Trunk Pathogens. *Agronomy*, **2021**, 11, 324	3.6	4
148	E.Fisch. as a promising source of pullulan and Mn(II)-pullulan complexes for Mn-deficiency remediation in winter cereals. *Natural Product Research*, **2021**, 35, 6158-6162	2.3	
147	Physico-chemical study of an exogenic fulgurite from a thunderstorm on 10th August 2013 in Dallas, TX. *Physics and Chemistry of Minerals*, **2021**, 48, 1	1.6	0
146	Physicochemical Characterization of Crithmum maritimum L. and Daucus carota subsp. gummifer (Syme) Hook.fil. and Their Antimicrobial Activity against Apple Tree and Grapevine Phytopathogens. *Agronomy*, **2021**, 11, 886	3.6	3
145	Assessment of Conjugate Complexes of Chitosan and Urtica dioica or Equisetum arvense Extracts for the Control of Grapevine Trunk Pathogens. *Agronomy*, **2021**, 11, 976	3.6	5

144	Lead isotopes in Celtiberian denarii from Turiasu and Roman asses minted in cities of the Conventus Caesaraugustanus (Hither Spain). *Journal of Archaeological Science: Reports*, **2021**, 37, 102924	0.7	
143	Mineral provenance of Roman lead objects from the Cinca River basin (Huesca, Spain). *Journal of Archaeological Science: Reports*, **2021**, 37, 102979	0.7	1
142	Effect of Acid Flow Rate, Membrane Surface Area, and Capture Solution on the Effectiveness of Suspended GPM Systems to Recover Ammonia. *Membranes*, **2021**, 11,	3.8	3
141	Experimental and theoretical investigations on a CVD grown thin film of polymeric carbon nitride and its structure. *Diamond and Related Materials*, **2021**, 111, 108169	3.5	3
140	A solid-state glucose sensor based on Cu and Fe□doped carbon nitride. *Materials Chemistry and Physics*, **2021**, 258, 124023	4.4	5
139	Distribution and Sources of Polychlorinated Biphenyls in Air, Dust, and Sediment from India. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2021**, 25, 05020004	2.3	2
138	Direct determination of Pb isotope ratios in archaeological materials by coupling liquid chromatography to multicollector ICP-MS. *Journal of Analytical Atomic Spectrometry*, **2021**, 36, 1694-1703	3.7	1
137	Activity of Anthracenediones and Flavoring Phenols in Hydromethanolic Extracts of against Grapevine Phytopathogenic Fungi. *Plants*, **2021**, 10,	4.5	3
136	Antifungal Activity against Fungi of the Hydro-Methanolic Extract of Capitula Conjugated with Stevioside. *Plants*, **2021**, 10,	4.5	3
135	Assessment of RGB Vegetation Indices to Estimate Chlorophyll Content in Sugar Beet Leaves in the Final Cultivation Stage. *AgriEngineering*, **2020**, 2, 128-149	2.2	5
134	The Effect of a Tangential Frictional Force on Rotating Disks: An Experimental Approach. *Physics Teacher*, **2020**, 58, 260-262	0.4	1
133	In Vitro Antifungal Activity of Chitosan-Polyphenol Conjugates against Phytophthora cinnamomi. *AgriEngineering*, **2020**, 2, 72-77	2.2	2
132	Solar light-driven reduction of crystal violet by a composite of g-C3N4, □Ag2Se, □Fe2O3 and graphite. *Fullerenes Nanotubes and Carbon Nanostructures*, **2020**, 28, 533-540	1.8	
131	Groundwater hydrochemistry of Rajnandgaon district, Chhattisgarh, Central India. *Groundwater for Sustainable Development*, **2020**, 11, 100352	6	10
130	Sugar Beet Agronomic Performance Evolution in NW Spain in Future Scenarios of Climate Change. *Agronomy*, **2020**, 10, 91	3.6	3
129	Nitrates in Groundwater of Small Shallow Aquifers in the Western Side of Hoya de Huesca (NE Spain). *Agronomy*, **2020**, 10, 22	3.6	4
128	UAV Detection of Sinapis arvensis Infestation in Alfalfa Plots Using Simple Vegetation Indices from Conventional Digital Cameras. *AgriEngineering*, **2020**, 2, 206-212	2.2	2
127	Water Balance and Nitrate and Salt Exports from a Saline□Sodic Irrigation District in Castelflorite (Huesca, NE Spain). *Agronomy*, **2020**, 10, 165	3.6	

126	Applications of Streptomyces spp. Enhanced Compost in Sustainable Agriculture. *Soil Biology*, **2020**, 257-291	1	6
125	Facile Monitoring of the Stability and Maturity of Compost Through Fast Analytical Instrumental Techniques. *Soil Biology*, **2020**, 153-179	1	2
124	Assessment of Arsenic and Heavy Metal Pollution in Chhattisgarh, India. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 05019008	2.3	2
123	Effect of Dried Pig Manure Fertilization on Barley Macronutrients and Sodium in a Nitrate Vulnerable Zone. *Journal of Soil Science and Plant Nutrition*, **2020**, 20, 407-420	3.2	2
122	Antifungal Activity of Chitosan Oligomers–Amino Acid Conjugate Complexes against Fusarium culmorum in Spelt (Triticum spelta L.). *Agronomy*, **2020**, 10, 1427	3.6	11
121	Cellulosic Ethanol: Improving Cost Efficiency by Coupling Semi-Continuous Fermentation and Simultaneous Saccharification Strategies. *Processes*, **2020**, 8, 1459	2.9	5
120	Antifungal Activity against of Stevioside, Seed Extracts, and Their Conjugate Complexes. *Antibiotics* , **2020**, 9,	4.9	4
119	On the Physicochemical Characteristics and Applications of an "Undesirable" Pyrenean Thorny Cushion Dwarf: (Vahl) Roth. *Plants*, **2020**, 9,	4.5	3
118	Contamination, Sources, and Environmental Hazards of Groundwater in Bemetara District, Chhattisgarh, Central India. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 05019005	2.3	1
117	Tree Bark as a Bioindicator for Arsenic and Heavy Metal Air Pollution in Rajnandgaon District, Chhattisgarh, India. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 05019006	2.3	4
116	Bioaccumulation of Nutrients and Toxic Elements with Macrophytes. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 05019007	2.3	3
115	Dried Pig Manure from a Cogeneration Plant as a Fertilizer for Nitrate Vulnerable Zones. *Agronomy*, **2019**, 9, 46	3.6	2
114	Characterization of exogenic fulgurites from an archaeological site in Tiedra, Valladolid, Spain. *Geological Magazine*, **2019**, 156, 1455-1462	2	2
113	Sugarcane Bagasse Hydrolysis Enhancement by Microwave-Assisted Sulfolane Pretreatment. *Energies*, **2019**, 12, 1703	3.1	10
112	Methylene blue-carbon nitride system as a reusable air-sensor. *Materials Chemistry and Physics*, **2019**, 231, 351-356	4.4	2
111	Heavy Metal Pollution in Surface Soil of Korba Basin, India. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2019**, 23, 05019004	2.3	3
110	Assessment of the Effect of Nitrogen Concentration on Fermentation and Selection of a Highly Competitive Saccharomyces cerevisiae Strain for Efficient Ethanol Production. *Energies*, **2019**, 12, 2614	3.1	
109	Photodegradation of Direct Blue 1 azo dye by polymeric carbon nitride irradiated with accelerated electrons. *Materials Chemistry and Physics*, **2019**, 237, 121878	4.4	6

108	Antifungal Agents Based on Chitosan Oligomers, ε-polylysine and spp. Secondary Metabolites against Three Botryosphaeriaceae Species. *Antibiotics*, **2019**, 8,	4.9	12
107	Ecuadorian yeast species as microbial particles for Cr(VI) biosorption. *Environmental Science and Pollution Research*, **2019**, 26, 28162-28172	5.1	9
106	White-Rot Fungi Control on Populus spp. Wood by Pressure Treatments with Silver Nanoparticles, Chitosan Oligomers and Propolis. *Forests*, **2019**, 10, 885	2.8	13
105	Algal characterization and bioaccumulation of trace elements from polluted water. *Environmental Monitoring and Assessment*, **2019**, 192, 38	3.1	2
104	Comparison of SHD and Open-Center Training Systems in Almond Tree Orchards cv. "Soleta" *Agronomy*, **2019**, 9, 874	3.6	13
103	Behavior of Vine Varieties Resistant to Fungal Diseases in the Somontano Region. *Agronomy*, **2019**, 9, 738	3.6	4
102	Analysis of Factors Affecting the Rearing of Early-Weaned Lambs of Dairy Breeds for the Meat Market. *Agronomy*, **2019**, 9, 694	3.6	
101	Fire Risks Associated with Combine Harvesters: Analysis of Machinery Critical Points. *Agronomy*, **2019**, 9, 877	3.6	2
100	Comparison of the activities of C2N and BCNO towards Congo red degradation. *Materials Chemistry and Physics*, **2019**, 221, 397-408	4.4	11
99	Molecular dynamics simulations of nanosheets of polymeric carbon nitride and comparison with experimental observations. *Fullerenes Nanotubes and Carbon Nanostructures*, **2018**, 26, 137-144	1.8	8
98	Studying cooling curves with a smartphone. *Physics Teacher*, **2018**, 56, 53-55	0.4	6
97	Reprint of "First exposure to Arduino through peer-coaching: Impact on students' attitudes towards programming" *Computers in Human Behavior*, **2018**, 80, 420-427	7.7	8
96	The "spinning disk touches stationary disk" problem revisited: an experimental approach. *European Journal of Physics*, **2018**, 39, 045709	0.8	3
95	Potential control of forest diseases by solutions of chitosan oligomers, propolis and nanosilver. *European Journal of Plant Pathology*, **2018**, 150, 401-411	2.1	14
94	On the composition of gastroliths from broiler breeders. *Journal of Animal Physiology and Animal Nutrition*, **2018**, 102, e504-e508	2.6	
93	Water Stress Influence on The Vegetative Period Yield Components of Different Maize Genotypes. *Agronomy*, **2018**, 8, 151	3.6	5
92	Silver Nanoparticles and Polyphenol Inclusion Compounds Composites for Mycelial Growth Inhibition. *Antibiotics*, **2018**, 7,	4.9	9
91	Potential of ATR-FTIR Spectroscopy for the Classification of Natural Resins. *Biology Engineering Medicine and Science Reports*, **2018**, 4, 03-06	2.5	19

90	On the Performance of Hybrid Functionals for Non-linear Optical Properties and Electronic Excitations in Chiral Molecular Crystals: The Case of Butterfly-Shaped Dicinnamalacetone. *ChemPhysChem*, **2018**, 19, 82-92	3.2	8
89	Nutrients Assimilation and Chlorophyll Contents for Different Grapevine Varieties in Calcareous Soils in the Somontano DO (Spain). *Beverages*, **2018**, 4, 90	3.4	6
88	In Vitro Antifungal Activity of Composites of AgNPs and Polyphenol Inclusion Compounds against Fusarium culmorum in Different Dispersion Media. *Agronomy*, **2018**, 8, 239	3.6	8
87	Chitosan-Based Coatings to Prevent the Decay of Populus spp. Wood Caused by Trametes Versicolor. *Coatings*, **2018**, 8, 415	2.9	10
86	Effects of Protonation, Hydroxylamination, and Hydrazination of g-C□N□ on the Performance of Matrimid/g-C□N□ Membranes. *Nanomaterials*, **2018**, 8,	5.4	12
85	Life cycle analysis of macauba palm cultivation: A promising crop for biofuel production. *Industrial Crops and Products*, **2018**, 125, 556-566	5.9	11
84	Automatic determination of landmark coordinates for honey bee forewing venation using a new MATLAB-based tool. *Journal of Apicultural Research*, **2018**, 57, 605-610	2	1
83	Furfural, 5-HMF, acid-soluble lignin and sugar contents in C. ladanifer and E. arborea lignocellulosic biomass hydrolysates obtained from microwave-assisted treatments in different solvents. *Biomass and Bioenergy*, **2018**, 119, 135-143	5.3	11
82	Impact of Climatic Variables on Carbon Content in Sugar Beet Root. *Agronomy*, **2018**, 8, 147	3.6	3
81	Application of Bioactive Coatings Based on Chitosan and Propolis for Pinus spp. Protection against Fusarium circinatum. *Forests*, **2018**, 9, 685	2.8	10
80	Synthesis and Exploration of the Lubricating Behavior of Nanoparticulated MoS in Linseed Oil. *Materials*, **2018**, 11,	3.5	1
79	-MoO□ Crystals with a Multilayer Stack Structure Obtained by Annealing from a Lamellar MoS□/g-C□N□ Nanohybrid. *Nanomaterials*, **2018**, 8,	5.4	10
78	Simulation of macauba palm cultivation: an energy-balance and greenhouse gas emissions analysis. *Carbon Management*, **2018**, 9, 243-254	3.3	8
77	Facile Synthesis of Three Kobolds: Introducing Students to the Structure of Pigments and Their Characterization. *Journal of Chemical Education*, **2018**, 95, 1340-1344	2.4	5
76	Synthesis, structure and physical properties of luminescent Pr(III) □-diketonate complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 172, 25-33	4.4	10
75	Mediterranean shrublands as carbon sinks for climate change mitigation: new root-to-shoot ratios. *Carbon Management*, **2017**, 8, 67-77	3.3	7
74	Studying 3D collisions with smartphones. *Physics Teacher*, **2017**, 55, 312-313	0.4	12
73	Evolution of mercury content in agricultural soils due to the application of organic and mineral fertilizers. *Journal of Soils and Sediments*, **2017**, 17, 927-935	3.4	8

72	Nitrogen-carbon graphite-like semiconductor synthesized from uric acid. *Carbon*, **2017**, 121, 368-379	10.4	16
71	Co-crystal of suberic acid and 1,2-bis(4-pyridyl)ethane: A new case of packing polymorphism. *Journal of Molecular Structure*, **2017**, 1147, 76-83	3.4	2
70	Polymeric Carbon Nitride-Based Composites for Visible-Light-Driven Photocatalytic Hydrogen Generation **2017**, 579-621		6
69	Transformation of a University Lecture Hall in Valladolid (Spain) into a NZEB: LCA of a BIPV System Integrated in Its Fa□ade. *International Journal of Photoenergy*, **2017**, 2017, 1-11	2.1	9
68	Smartphones in the teaching of Physics Laws: Projectile motion| El tel□ono inteligente en la ense□anza de las Leyes de la F□sica: movimiento de proyectiles.|. *RIED: Revista Iberoamericana De Educaci□n A Distancia*, **2017**, 20, 213	1.9	1
67	Valorization of Cistus ladanifer and Erica arborea shrubs for fuel: Wood and bark thermal characterization. *Maderas: Ciencia Y Tecnologia*, **2017**, 0-0	1	3
66	Eco -Friendly Nanocomposites of Chitosan with Natural Extracts, Antimicrobial Agents, and Nanometals **2017**, 35-60		1
65	Photocatalytic activity of a new composite material of Fe (III) oxide nanoparticles wrapped by a matrix of polymeric carbon nitride and amorphous carbon. *Fullerenes Nanotubes and Carbon Nanostructures*, **2017**, 25, 630-636	1.8	10
64	BYOD for Physics Lab **2017**,		1
63	First exposure to Arduino through peer-coaching: Impact on students' attitudes towards programming. *Computers in Human Behavior*, **2017**, 76, 51-58	7.7	17
62	Thermal death kinetics in dry air of Diplodia seriata fungus inoculated in vitro in pruned vine shoots. *European Journal of Plant Pathology*, **2017**, 148, 1-12	2.1	4
61	Synthesis, structure and physical properties of a low dimensional compound. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 172, 9-13	4.4	1
60	On the probable composition of □amaican stone□aphrodisiac. *Phytochemistry Letters*, **2017**, 19, 30-33	1.9	
59	An Analysis of the Similarities in the ATR-FTIR Spectra from Argania spinosa, Rosa rubiginosa and Elaeis guineensis Oils. *Journal of Essential Oil-bearing Plants: JEOP*, **2017**, 20, 1651-1658	1.7	2
58	Crude and refined oils from Elaeis guineensis: Facile characterization by FTIR and thermal analysis techniques. *International Journal of Food Properties*, **2017**, 20, S2739-S2749	3	2
57	Vibrational and Thermal Studies of Essential Oils Derived from Cistus ladanifer and Erica arborea Shrubs. *Natural Product Communications*, **2017**, 12, 1934578X1701200	0.9	5
56	Vibrational Analysis and Thermal Behavior of Salvia hispanica, Nigella sativa and Papaver somniferum Seeds. *Pharmacognosy Journal*, **2017**, 9, 157-162	1.6	3
55	Hygienization and control of Diplodia seriata fungus in vine pruning waste composting and its seasonal variability in open and closed systems. *Waste Management*, **2016**, 58, 126-134	8.6	6

54	Photocatalytic activities of coke carbon/g-CN and Bi metal/Bi mixed oxides/g-CN nanohybrids for the degradation of pollutants in wastewater. *Science and Technology of Advanced Materials*, **2016**, 17, 659-668	7.1	18
53	Estimation of PCB content in agricultural soils associated with long-term fertilization with organic waste. *Environmental Science and Pollution Research*, **2016**, 23, 12372-83	5.1	14
52	Structural, magnetic and optical properties of two concomitant molecular crystals. *Solid State Sciences*, **2016**, 53, 37-43	3.4	1
51	Chemical composition and thermal behavior of the pulp and kernel oils from macauba palm (Acrocomia aculeata) fruit. *Industrial Crops and Products*, **2016**, 84, 294-304	5.9	45
50	Synthesis, structure and magnetic properties of mono-, dinuclear and´polymeric compounds of transition metals with 4-amino-3,5-di-2-pyridyl-4H-1,2,4-triazole. *Journal of Molecular Structure*, **2016**, 1108, 278-287	3.4	2
49	Windowing of THz time-domain spectroscopy signals: A study based on lactose. *Optics Communications*, **2016**, 366, 386-396	2	18
48	THz TDS study of several sp2 carbon materials: Graphite, needle coke and graphene oxides. *Carbon*, **2016**, 98, 484-490	10.4	32
47	Luminescent Properties of [UO2(TFA)2(DMSO)3], a Promising Material for Sensing and Monitoring the Uranyl Ion. *Materials Research*, **2016**, 19, 328-332	1.5	2
46	A Study of the Far Infrared Spectrum of N-Acetyl-D-Glucosamine Using THz-TDS, FTIR, and Semiempirical Quantum Chemistry Methods. *Journal of Spectroscopy*, **2016**, 2016, 1-7	1.5	2
45	Synthesis of liquid crystals based on hydrogen-bonding of 4-(Octyloxy)benzoic acid with 4-alkylbenzoic acids. *Molecular Crystals and Liquid Crystals*, **2016**, 630, 87-101	0.5	8
44	Student2student **2016**,		4
43	Structure, luminescence and magnetic properties of an erbium(III) -diketonate homodinuclear complex. *New Journal of Chemistry*, **2016**, 40, 8251-8261	3.6	14
42	Synthesis, structure, theoretical studies and luminescent properties of a ternary erbium(III) complex with acetylacetone and bathophenanthroline ligands. *Journal of Luminescence*, **2015**, 162, 41-49	3.8	12
41	Rhodamine B removal with activated carbons obtained from lignocellulosic waste. *Journal of Environmental Management*, **2015**, 155, 67-76	7.9	101
40	Field-induced single-ion magnetic behaviour in a highly luminescent Er3+ complex. *Materials Chemistry and Physics*, **2015**, 160, 429-434	4.4	2
39	A simple approach to synthesize g-C3N4 with high visible light photoactivity for hydrogen production. *International Journal of Hydrogen Energy*, **2015**, 40, 7273-7281	6.7	42
38	Synthesis, molecular modelling and NLO properties of new ytterbium(iii) complexes with vildagliptin. *Optical Materials Express*, **2015**, 5, 503	2.6	3
37	Slow magnetic relaxation and photoluminescent properties of a highly coordinated erbium(III) complex with dibenzoylmethane and 2,2?-bipyridine. *New Journal of Chemistry*, **2015**, 39, 1703-1713	3.6	15

36	Coordinating and hydrogen bonding ability of a bifunctional 2D paddle-wheel copper(II) coordination polymer. *Polyhedron*, **2015**, 87, 220-225	2.7	3
35	Synthesis, structural modelling and luminescence of a novel erbium(III) complex with 2,4-nonanedione and 2,2?-bipyridine ligands for chitosan matrices doping. *Optical Materials*, **2015**, 41, 139-142	3.3	7
34	Slow magnetic relaxation mechanisms in erbium SIMs. *Dalton Transactions*, **2015**, 44, 1264-72	4.3	11
33	Highly luminescent pure-red-emitting fluorinated -diketonate europium(III) complex for full solution-processed OLEDs. *Journal of Luminescence*, **2015**, 159, 17-25	3.8	36
32	An erbium(III)-based NIR emitter with a highly conjugated -diketonate for blue-region sensitization. *Journal of Alloys and Compounds*, **2015**, 619, 553-559	5.7	15
31	Experimental and Theoretical Studies on the Structure and Photoluminescent Properties of New Mononuclear and Homodinuclear Europium(III)-Diketonate Complexes. *Advances in Condensed Matter Physics*, **2015**, 2015, 1-11	1	4
30	Synthesis of Chitosan Oligomers/Propolis/Silver Nanoparticles Composite Systems and Study of Their Activity againstDiplodia seriata. *International Journal of Polymer Science*, **2015**, 2015, 1-11	2.4	23
29	A kinetic study on microwave-assisted conversion of cellulose and lignocellulosic waste into hydroxymethylfurfural/furfural. *Bioresource Technology*, **2015**, 180, 88-96	11	62
28	Active layer solution-processed NIR-OLEDs based on ternary erbium(III) complexes with 1,1,1-trifluoro-2,4-pentanedione and different N,N-donors. *Dalton Transactions*, **2014**, 43, 18087-96	4.3	22
27	Composite Fiber Based on Sisal Fiber and Calcium Carbonate. *Journal of Natural Fibers*, **2014**, 11, 121-135	1.8	5
26	Effect of the capping ligand on luminescent erbium(III) -diketonate single-ion magnets. *Dalton Transactions*, **2014**, 43, 6752-61	4.3	38
25	2D to 3D transition of polymeric carbon nitride nanosheets. *Journal of Solid State Chemistry*, **2014**, 219, 232-241	3.3	19
24	X-ray analysis, molecular modeling and NIR-luminescence of erbium(III) 2,4-octanedionate complexes with N,N-donors. *Polyhedron*, **2014**, 81, 485-492	2.7	3
23	Highly fluorinated erbium(III) complexes for emission in the C-band. *Journal of Photochemistry and Photobiology A: Chemistry*, **2014**, 292, 16-25	4.7	15
22	Lanthanide tetrakis--diketonate dimers for solution-processed OLEDs. *Materials Chemistry and Physics*, **2014**, 147, 1157-1164	4.4	21
21	Synthesis, Crystal Structures and Properties of Two Alkali-Lanthanide Heterometallic Coordination Polymers. *Journal of Chemical Crystallography*, **2014**, 44, 255-260	0.5	3
20	Columnar Formation in Sodium Triphenylacetate. *Journal of Chemical Crystallography*, **2014**, 44, 543-547	0.5	
19	Single-Ion Magnetism in a Luminescent Er3+ -Diketonato Complex with Multiple Relaxation Mechanisms. *European Journal of Inorganic Chemistry*, **2014**, 2014, 511-517	2.3	25

18	Polymeric Carbon Nitride Nanosheets. *Journal of Macromolecular Science - Physics*, **2013**, 52, 623-631	1.4	21
17	Structure and NIR-luminescence of ytterbium(III) beta-diketonate complexes with 5-nitro-1,10-phenanthroline ancillary ligand: assessment of chain length and fluorination impact. *Dalton Transactions*, **2013**, 42, 13516-26	4.3	33
16	A new near-IR luminescent erbium(III) complex with potential application in OLED devices. *Polyhedron*, **2013**, 65, 187-192	2.7	11
15	Novel erbium(III) complexes with 2,6-dimethyl-3,5-heptanedione and different N,N-donor ligands for ormosil and PMMA matrices doping. *Journal of Materials Chemistry C*, **2013**, 1, 5701	7.1	29
14	Novel erbium(III) fluorinated β-diketonate complexes with N,N-donors for optoelectronics: from synthesis to solution-processed devices. *Journal of Materials Chemistry C*, **2013**, 1, 2725	7.1	46
13	Synthesis of crumpled nanosheets of polymeric carbon nitride from melamine cyanurate. *Journal of Solid State Chemistry*, **2013**, 201, 153-163	3.3	46
12	Charge Transport and Sensitized 1.5 μm Electroluminescence Properties of Full Solution-Processed NIR-OLED based on Novel Er(III) Fluorinated β-Diketonate Ternary Complex. *Journal of Physical Chemistry C*, **2013**, 117, 10020-10030	3.8	59
11	4,7-Diphenyl-1,10-phenanthroline methanol hemisolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1018		0
10	Organic MEMS/NEMS-based high-efficiency 3D ITO-less flexible photovoltaic cells. *Journal of Micromechanics and Microengineering*, **2012**, 22, 115015	2	7
9	Nonlinear Bloch modes, optical switching and Bragg solitons in tightly coupled micro-ring resonator chains. *Journal of Optics (United Kingdom)*, **2012**, 14, 015205	1.7	5
8	Synthesis of graphitic carbon nitride by reaction of melamine and uric acid. *Materials Chemistry and Physics*, **2011**, 130, 1094-1102	4.4	108
7	Novel Er-doped organic complexes for application in 1.5 μm emitting solution-processed organic light emitting diodes (OLEDs). *Materials Research Society Symposia Proceedings*, **2011**, 1286, 34		1
6	The orange-brown patina of Salisbury Cathedral (West Porch) surfaces: evidence of its man-made origin. *Environmental Science and Pollution Research*, **2005**, 12, 285-9	5.1	15
5	Distribution, Variations, Fate and Sources of Polycyclic Aromatic Hydrocarbons and Carbon in Particulate Matter, Road Dust, and Sediments in Central India. *Polycyclic Aromatic Compounds*,1-23	1.3	0
4	On an iridescent film of carbon nitride grown on an aluminum sheet and composed of overlapped oak-leaf shaped nanoparticles. *Fullerenes Nanotubes and Carbon Nanostructures*,1-8	1.8	1
3	Plant seeds as source of nutrients and phytochemicals for the Indian population. *International Journal of Food Science and Technology*,	3.8	3
2	Characterization of Polyphenols and Mineral Contents in Three Medicinal Weeds. *European Journal of Medicinal Plants*,1-8	2	2
1	On a CVD-formed carbon nitrogen (C3N) film doped with Cu and Zn. *Fullerenes Nanotubes and Carbon Nanostructures*,1-8	1.8	0